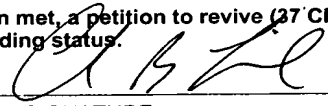


FORM PCT-1350 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2004)		ATTORNEY'S DOCKET NUMBER 62020-1890
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION-NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/534956</div>
INTERNATIONAL APPLICATION NO. PCT/US2005/008664	INTERNATIONAL FILING DATE 15 March 2005	PRIORITY DATE CLAIMED 15 March 2004
TITLE OF INVENTION PACKAGING FOR MICRO ELECTRO-MECHANICAL SYSTEMS AND METHODS OF FABRICATING THEREOF		
APPLICANT(S) FOR DO/EO/US KOHL, Paul A. and AYAZI, Farrokh		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
<b>Items 13 to 23 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EL 992704011US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>		
<b>Return postcard; Certificate of Mailing</b>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number:

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/534956</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US2005/008664</b>		ATTORNEY'S DOCKET NUMBER <b>62020-1890</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee		<b>\$300</b>		\$	<b>\$300.00</b>
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations.		<b>\$100</b> <b>\$200</b>		\$	<b>\$100.00</b>
26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations.		<b>\$100</b> <b>\$400</b> <b>\$500</b>		\$	<b>\$100.00</b>
<b>TOTAL OF 24, 25 and 26 =</b>				\$	<b>\$500.00</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	0	/50 = 0		x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	50 - 20 =	30	x \$50.00		
Independent claims	3 - 3 =	0	x \$200.00		
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>				+	\$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>\$2,000.00</b>
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	<b>\$1,000.00</b>
<b>SUBTOTAL =</b>				\$	<b>\$1,000.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	<b>\$0.00</b>
<b>TOTAL NATIONAL FEE =</b>				\$	<b>\$1,000.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	<b>\$0.00</b>
<b>TOTAL FEES ENCLOSED =</b>				\$	<b>\$1,000.00</b>
				Amount to be	\$
				Amount to be	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>20-0778</b> . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<b>Christopher B. Linder</b> <b>THOMAS, KAYDEN, HORSTEMEYER &amp; RISLEY, LLP.</b> <b>100 Galleria Pkwy, NW</b> <b>Suite 1750</b> <b>Atlanta, GA 30339-5948</b>			SIGNATURE  <b>Christopher B. Linder</b> NAME <b>47,751</b> REGISTRATION NUMBER		

10/534956

PTO-1382 (Rev. 07-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

Express Mail mailing number: **EV558415243US** Date of Deposit: **15 March 2005**

File reference no.: **062002-2940** International Application no. (if known): **TBD**

Title of the invention: **Packaging for Micro Electro-Mechanical Systems and Methods of Fabricating Thereof**

Earliest priority date claimed (Day/Month/Year): **15 March 2004**

☒ This is a new International Application

## SCREENING DISCLOSURE INFORMATION:

In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (check as many boxes as apply):

- ☐ The invention disclosed was **not** made in the United States of America.
- ☐ There is no prior U.S. application relating to this invention.
- ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on the Request (form PCT/RO/101) and this listing does not constitute a claim for priority.)

application no.	<b>60/553,178</b>	filed on	<b>15 March 2004</b>
application no.	<b>File No. 062020-1890</b>	filed on	<b>15 March 2005</b>

- ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified above. The additional subject matter is found on pages \_\_\_\_\_ and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.15.

## Itemized list of contents

Sheets of Request form:	<b>4</b>	Check no.:	
Sheets of description (excluding sequence listing):	<b>19</b>	Return receipt postcard:	<b>1</b>
Sheets of claims:	<b>7</b>	Power of attorney:	
Sheets of abstract:	<b>1</b>	Certified copy of priority document (specify):	
Sheets of drawings:	<b>14</b>	Other (specify):	
Sheets of sequence listing:		<b>Fee Calculation Sheet; Certificate of Express Mail; Credit Card Authorization Form</b>	
Sequence listing diskette/CD:			
Tables related to sequence listing CD:			

The person signing this form is the:

- ☐ Applicant
- ☒ Attorney/Agent (Reg. No.) **47,283**
- ☐ Common Representative

**Charles W. Griggers**

Name of person signing

Signature

*Charles W. Griggers*

This collection of thin information is required by 37 CFR 1.10 and 1.412. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/534956

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Kohl, et al.**

**JC20 Rec'd PCT/PTO 16 MAY 2005**

For: **Packaging for Micro Electro-Mechanical Systems and Methods of Fabricating Thereof**

**CERTIFICATE OF EXPRESS MAIL**

Mail Stop PCT (DO/EO/US)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

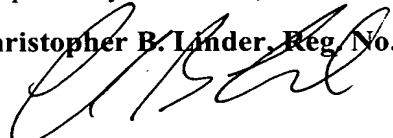
Enclosed for filing in the above case are the following documents:

Return Postcard;  
Transmittal Letter to the US Designated Office  
(DO/EO/US) (2 Pages);  
Credit Card Authorization Form  
Copy of International Application Consisting of:  
19 Pages of Specification  
7 Pages of Claims  
1 Page of Abstract  
14 Page of Drawings  
PCT Filing Request

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

**Christopher B. Linder, Reg. No. 47,751**

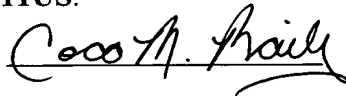
  
**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**  
100 Galleria Parkway, N.W.  
Suite 1750  
Atlanta, Georgia 30339-5948

Our Docket No: **062020-1890**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL992704011US**.

Date: 16 May, 2005



**Coco M. Bailey**